

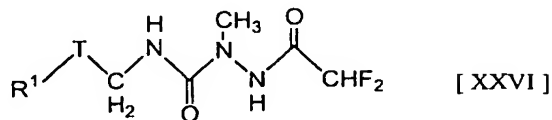
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-9. (canceled).

10. (original): A difluoroacetyl semicarbazide compound of the formula [XXVI]:



wherein,

R^1 represents A^1-L^1 -, $\text{A}^1-\text{ON}=\text{CA}^2$ -, $\text{A}^1-\text{ON}=\text{C}(\text{Me})\text{CH}_2\text{ON}=\text{CA}^2$ -, $\text{A}^1-\text{C}(\text{A}^2)=\text{N}-\text{OCH}_2$ -, $\text{A}^1\text{S}-\text{C}(\text{A}^2)=\text{N}$ -, $\text{A}^1-\text{C}(=\text{S})\text{NH}$ -, $\text{A}^1\text{S}-\text{C}(=\text{S})\text{NH}$ -, $\text{A}^1\text{S}-\text{C}(\text{SA}^2)=\text{N}$ -, $\text{A}^1-\text{ON}=\text{C}(\text{CN})$ -, $\text{A}^1-\text{O N}=\text{C}(\text{Me})\text{CH}_2\text{ON}=\text{C}(\text{CN})$ -, $\text{A}^1-\text{C}(\text{CN})=\text{N}-\text{OCH}_2$ -, halogen atom, nitro or cyano;

wherein L^1 represents single bond, oxygen atom, sulfur atom, carbonyl, $-\text{OCH}_2$ -, $-\text{SCH}_2$ -, $-\text{C}(=\text{O})\text{O}$ -, $-\text{OC}(=\text{O})$ -, $-\text{C}(=\text{O})\text{OCH}_2$ -, $-\text{NH}$ - or C_1 - C_6 alkylimino;

A^1 and A^2 , which are the same or different, represent hydrogen atom, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl, C_2 - C_{10} alkynyl, C_3 - C_{10} cycloalkyl, (C_3 - C_{10} cycloalkyl) alkyl, C_5 - C_{10} cycloalkenyl, (C_5 - C_{10} cycloalkenyl) alkyl, phenyl, naphthyl, phenyl C_1 - C_{10} alkyl, naphthyl C_1 - C_{10} alkyl, 5- or 6-membered heterocyclic group optionally condensed with a benzene ring, or methyl substituted by a 5- or 6-membered heterocyclic group optionally condensed with a benzene ring;

the alkyl, the alkenyl, the alkynyl, the cycloalkyl, the cycloalkylalkyl, the cycloalkenyl and the cycloalkenylalkyl represented by A¹ and A², may optionally be each substituted by one or more substituents selected from the group consisting of halogen atom (s), cyano, nitro, C₁-C₁₀ alkoxy, C₁-C₁₀ haloalkoxy, C₁-C₁₀ alkylthio, C₁-C₁₀ haloalkylthio, (C₁-C₉ alkyl) carbonyl, (C₁-C₉ alkoxy) carbonyl, (C₁-C₉ alkyl) carbonylamino, phenyl, phenoxy, benzyloxy and tri (C₁-C₁₀ alkyl) silyl;

the phenyl, the naphthyl, the benzene ring in the phenylalkyl, the naphthalene ring in the phenylnaphthyl, the heterocyclic group, and the heterocyclic ring in the methyl substituted by a heterocyclic group, represented by A¹ and A², may optionally be each substituted by one or more substituents selected from the group consisting of halogen atoms, cyano, nitro, C₁-C₁₀ alkyl, C₁-C₁₀ haloalkyl, C₃-C₁₀ cycloalkyl, C₁-C₁₀ alkoxy, C₁-C₁₀ haloalkoxy, C₁-C₁₀ alkylthio, C₁-C₁₀ haloalkylthio, (C₁-C₉ alkyl) carbonyl, (C₁-C₉ alkoxy) carbonyl, (C₁-C₉ alkyl) carbonylamino, phenyl, phenoxy, benzyloxy, tri (C₁-C₁₀ alkyl) silyl, methylenedioxy and difluoromethylenedioxy; with the proviso, when L¹ is single bond, A¹ is not a hydrogen atom;

T represents optionally substituted *m*-phenylene, optionally substituted *m*-azaphenylene or optionally substituted *m*-diazaphenylene bonded to R¹ and to CH₂ each via a carbon atom;

wherein the substituent(s) are one or more substituents selected from the group consisting of halogen atom(s), cyano, nitro, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio and (C₁-C₅ alkoxy) carbonyl.

11. (original): The difluoroacetyl semicarbazide compound according to claim 10, wherein T is optionally substituted *m*-phenylene; wherein the substituent(s) are one or more

substituents selected from the group of halogen atoms, cyano, nitro, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio and (C₁-C₅ alkoxy) carbonyl.

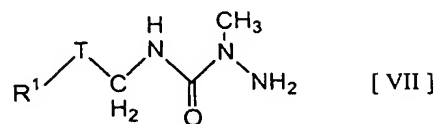
12. (original): The difluoroacetyl semicarbazide compound according to claim 10, wherein T is optionally substituted *m*-azaphenylene or optionally substituted *m*-diazaphenylene bonded to R¹ and to CH₂ each via a carbon atom;

wherein the substituent(s) are one or more substituents selected from the group of halogen atom(s), cyano, nitro, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio and (C₁-C₅ alkoxy) carbonyl.

13. (original): The difluoroacetyl semicarbazide compound according to claim 10, wherein T is optionally substituted *m*-phenylene; wherein the substituent(s) are halogen atom(s) or methyl.

14. (original): 1-Difluoroacetyl-2-methyl-4-(2-methyl-5-phenylbenzyl) semicarbazide; which is the difluoroacetyl semicarbazide compound according to claim 10.

15. (original): A semicarbazide compound of the formula [VII]:



wherein;

R^1 represents A^1-L^1 -, $A^1-ON=CA^2$ -, $A^1-ON=C(Me)CH_2ON=CA^2$ -, $A^1-C(A^2)=N-OCH_2$ -,
 $A^1S-C(A^2)=N$ -, $A^1-C(=S)NH$ -, $A^1S-C(=S)NH$ -, $A^1S-C(SA^2)=N$ -, $A^1-ON=C(CN)$ -, A^1 -
 $ON=C(Me)CH_2ON=C(CN)$ -, $A^1-C(CN)=N-OCH_2$ -, halogen atom, nitro or cyano;

wherein, L^1 represents single bond, oxygen atom, sulfur atom, carbonyl, $-OCH_2$ -, $-SCH_2$ -, $-C(=O)O$ -, $-OC(=O)-$, $-C(=O)OCH_2$ -, $-NH$ - or C_1-C_6 alkylimino;

A^1 and A^2 , which are the same or different, represent hydrogen atom, C_1-C_{10} alkyl, C_2-C_{10} alkenyl, C_2-C_{10} alkynyl, C_3-C_{10} cycloalkyl, (C_3-C_{10} cycloalkyl) alkyl, C_5-C_{10} cycloalkenyl, (C_5-C_{10} cycloalkenyl) alkyl, phenyl, naphthyl, phenyl C_1-C_{10} alkyl, naphthyl C_1-C_{10} alkyl, 5- or 6-membered heterocyclic group optionally condensed with a benzene ring, or methyl substituted by a 5- or 6-membered heterocyclic group optionally condensed with a benzene ring;

the alkyl, the alkenyl, the alkynyl, the cycloalkyl, the cycloalkylalkyl, the cycloalkenyl and the cycloalkenylalkyl, represented by A^1 and A^2 , may optionally be each substituted by one or more substituents selected from the group consisting of halogen atom(s), cyano, nitro, C_1-C_{10} alkoxy, C_1-C_{10} haloalkoxy, C_1-C_{10} alkylthio, C_1-C_{10} haloalkylthio, (C_1-C_9 alkyl) carbonyl, (C_1-C_9 alkoxy) carbonyl, (C_1-C_9 alkyl) carbonylamino, phenyl, phenoxy, benzyloxy and tri (C_1-C_{10} alkyl) silyl; the phenyl, the naphthyl, the benzene ring in the phenylalkyl, the naphthalene ring in the phenylnaphthyl, the heterocyclic group, and the heterocyclic ring in the methyl substituted by a heterocyclic group, represented by A^1 and A^2 , may optionally be each substituted by one or more substituents selected from the group consisting of halogen atom(s), cyano, nitro, C_1-C_{10} alkyl, C_1-C_{10} haloalkyl, C_3-C_{10} cycloalkyl, C_1-C_{10}

alkoxy, C₁-C₁₀ haloalkoxy, C₁-C₁₀ alkylthio, C₁-C₁₀ haloalkylthio, (C₁-C₉ alkyl) carbonyl, (C₁-C₉ alkoxy) carbonyl, (C₁-C₉ alkyl) carbonylamino, phenyl, phenoxy, benzyloxy, tri (C₁-C₁₀ alkyl) silyl, methylenedioxy and difluoromethylenedioxy; with the proviso, when L¹ is single bond, A¹ is not a hydrogen atom;

T represents optionally substituted *m*-phenylene, optionally substituted *m*-azaphenylene or optionally substituted *m*-diazaphenylene bonded to R¹ and to CH₂ each via a carbon atom;

wherein the substituent(s) are one or more substituents selected from the group consisting of halogen atom(s), cyano, nitro, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio and (C₁-C₅ alkoxy) carbonyl.

16. (original): The semicarbazide compound according to claim 15, wherein

T is optionally substituted *m*-phenylene;

wherein the substituent(s) are one or more substituents selected from the group of halogen atom(s), cyano, nitro, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio and (C₁-C₅ alkoxy) carbonyl.

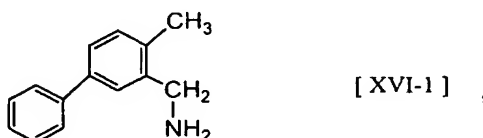
17. (original): The semicarbazide compound according to claim 15, wherein T is optionally substituted *m*-azaphenylene or optionally substituted *m*-diazaphenylene bonded to R¹ and to CH₂ each via a carbon atom;

wherein the substituent(s) are one or more substituents selected from the group of halogen atom(s), cyano, nitro, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkoxy, C₁-C₆ alkylthio, C₁-C₆ haloalkylthio and (C₁-C₅ alkoxy) carbonyl.

18. (original): The semicarbazide compound according to claim 15, wherein T is optionally substituted *m*-phenylene; wherein the substituent(s) are halogen atom(s) or methyl.

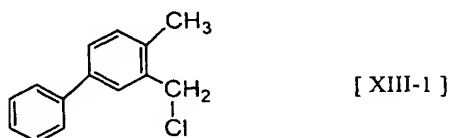
19. (original): 2-Methyl-4-(2-methyl-5-phenylbenzyl)semicarbazide; which is the semicarbazide compound according to claim 15.

20. (original): 2-Methyl-5-phenylbenzylamine of the formula [XVI-1]:

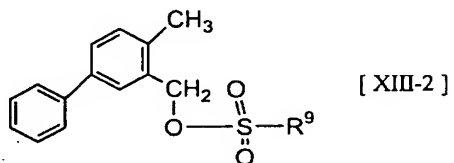


its inorganic acid salt or its sulfonic acid salt.

21. (original): 2-Methyl-5-phenylbenzyl chloride of the formula [XIII-1]:



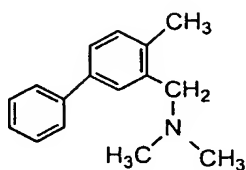
22. (original): A sulfonate ester compound of the formula [XIII-2]:



wherein R⁹ represents methyl or p-tolyl.

PRELIMINARY AMENDMENT
Divisional of U.S. Appln. No. 10/149,034
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23. (original): N, N-Dimethyl-(2-methyl-5-phenylbenzyl)amine of the
formula [LI]:



[LI] ,

its inorganic acid salt or its sulfonic acid salt.